

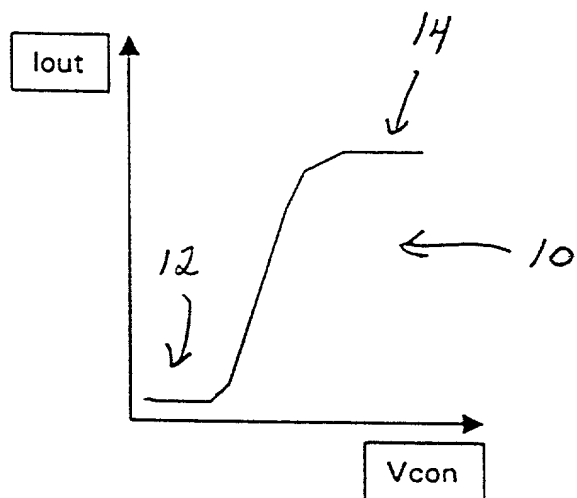
[illegible]

Fig. 1
(Prior Art)

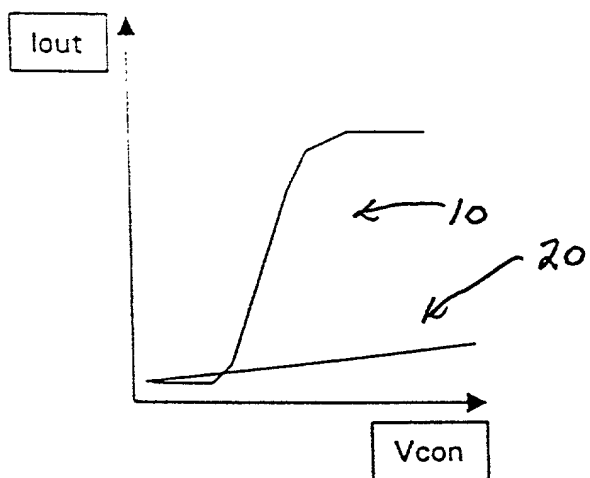


Fig. 2

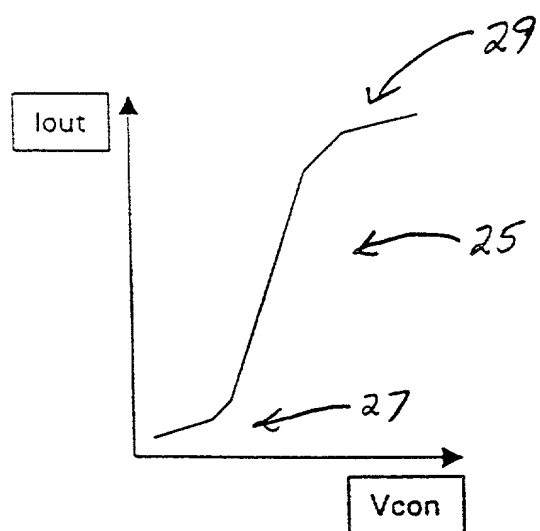


Fig. 3

| Climatic and environmental data | | Soil data | | Vegetation data | | Water data | | Air data | | Soil data | | Vegetation data | | Water data | | Air data | |
|---------------------------------|------|------------------|------|------------------|------|---------------|------|--------------|------|-----------|------|-------------------|------|------------|------|--------------|------|
| Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit | Variable | Unit |
| Temperature | °C | Soil temperature | °C | Vegetation cover | % | Water content | % | Air humidity | % | Soil pH | | Vegetation height | m | Water flow | L/h | Air pressure | hPa |
| 25.0 | | 15.0 | | 10.0 | | 10.0 | | 60.0 | | 7.0 | | 1.0 | | 1.0 | | 1013.0 | |
| 20.0 | | 10.0 | | 5.0 | | 5.0 | | 50.0 | | 6.5 | | 0.5 | | 0.5 | | 1012.0 | |
| 15.0 | | 5.0 | | 2.0 | | 2.0 | | 40.0 | | 6.0 | | 0.2 | | 0.2 | | 1011.0 | |
| 10.0 | | 2.0 | | 1.0 | | 1.0 | | 30.0 | | 5.5 | | 0.1 | | 0.1 | | 1010.0 | |
| 5.0 | | 1.0 | | 0.5 | | 0.5 | | 20.0 | | 5.0 | | 0.0 | | 0.0 | | 1009.0 | |
| 0.0 | | 0.0 | | 0.0 | | 0.0 | | 10.0 | | 4.5 | | 0.0 | | 0.0 | | 1008.0 | |
| -5.0 | | -1.0 | | -0.5 | | -0.5 | | 0.0 | | 4.0 | | -0.5 | | -0.5 | | 1007.0 | |
| -10.0 | | -2.0 | | -1.0 | | -1.0 | | -10.0 | | 3.5 | | -1.0 | | -1.0 | | 1006.0 | |
| -15.0 | | -3.0 | | -1.5 | | -1.5 | | -20.0 | | 3.0 | | -1.5 | | -1.5 | | 1005.0 | |
| -20.0 | | -4.0 | | -2.0 | | -2.0 | | -30.0 | | 2.5 | | -2.0 | | -2.0 | | 1004.0 | |
| -25.0 | | -5.0 | | -2.5 | | -2.5 | | -40.0 | | 2.0 | | -2.5 | | -2.5 | | 1003.0 | |
| -30.0 | | -6.0 | | -3.0 | | -3.0 | | -50.0 | | 1.5 | | -3.0 | | -3.0 | | 1002.0 | |
| -35.0 | | -7.0 | | -3.5 | | -3.5 | | -60.0 | | 1.0 | | -3.5 | | -3.5 | | 1001.0 | |
| -40.0 | | -8.0 | | -4.0 | | -4.0 | | -70.0 | | 0.5 | | -4.0 | | -4.0 | | 1000.0 | |
| -45.0 | | -9.0 | | -4.5 | | -4.5 | | -80.0 | | 0.0 | | -4.5 | | -4.5 | | 999.0 | |
| -50.0 | | -10.0 | | -5.0 | | -5.0 | | -90.0 | | -0.5 | | -5.0 | | -5.0 | | 998.0 | |
| -55.0 | | -11.0 | | -5.5 | | -5.5 | | -100.0 | | -1.0 | | -5.5 | | -5.5 | | 997.0 | |
| -60.0 | | -12.0 | | -6.0 | | -6.0 | | -110.0 | | -1.5 | | -6.0 | | -6.0 | | 996.0 | |
| -65.0 | | -13.0 | | -6.5 | | -6.5 | | -120.0 | | -2.0 | | -6.5 | | -6.5 | | 995.0 | |
| -70.0 | | -14.0 | | -7.0 | | -7.0 | | -130.0 | | -2.5 | | -7.0 | | -7.0 | | 994.0 | |
| -75.0 | | -15.0 | | -7.5 | | -7.5 | | -140.0 | | -3.0 | | -7.5 | | -7.5 | | 993.0 | |
| -80.0 | | -16.0 | | -8.0 | | -8.0 | | -150.0 | | -3.5 | | -8.0 | | -8.0 | | 992.0 | |
| -85.0 | | -17.0 | | -8.5 | | -8.5 | | -160.0 | | -4.0 | | -8.5 | | -8.5 | | 991.0 | |
| -90.0 | | -18.0 | | -9.0 | | -9.0 | | -170.0 | | -4.5 | | -9.0 | | -9.0 | | 990.0 | |
| -95.0 | | -19.0 | | -9.5 | | -9.5 | | -180.0 | | -5.0 | | -9.5 | | -9.5 | | 989.0 | |
| -100.0 | | -20.0 | | -10.0 | | -10.0 | | -190.0 | | -5.5 | | -10.0 | | -10.0 | | 988.0 | |
| -105.0 | | -21.0 | | -10.5 | | -10.5 | | -200.0 | | -6.0 | | | | | | | |

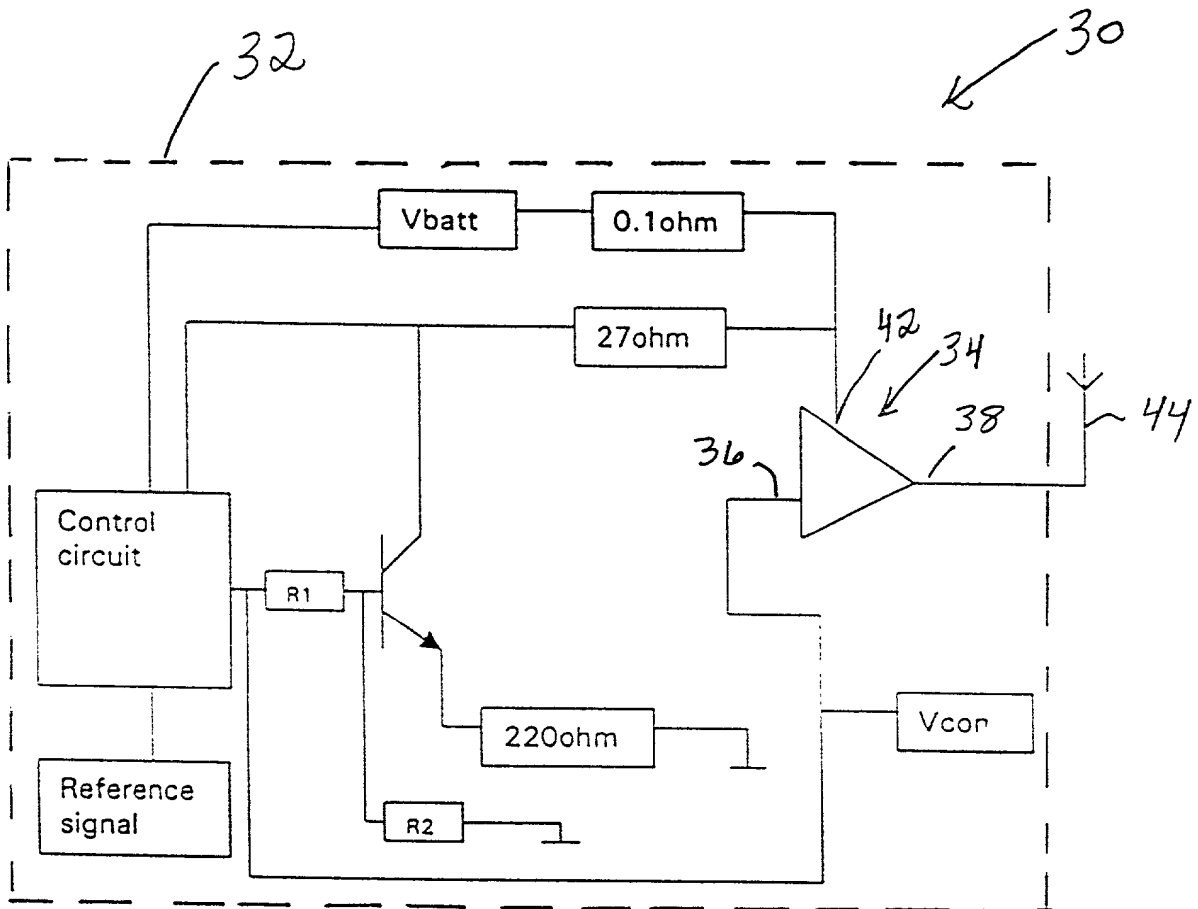


Fig. 4